

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY.'S DOCKET: STRAUB=1

In re Application of:)	Confirmation No.: 7860
)	
Alexander STRAUB)	Art Unit: 1626
)	
Filing Date: August 1, 2005)	Examiner: Joseph R. Kosack
)	
U.S. Appln. No.: 10/518,454)	Washington, D.C.
)	
For: METHOD FOR PRODUCING)	
HETEROCYCLIC FLUOROALKENYL...)	

DECLARATION UNDER 37CFR1.132

Honorable Commissioner for Patents
U.S. Patent and Trademark Office
Customer Service Window
Randolph Building, Mail Stop Amendment
401 Dulany Street
Alexandria, VA 22314

Sir:

I, Shlomi Cohen, do hereby declare that I am familiar with the subject application and the claimed method of preparing sulfoxide by preparing a sulfone from a sulfide by reacting a heterocyclic sulfide with a salt of monopersulfuric acid, and then reacting the sulfone produced with a salt of peroxomonosulfuric acid to produce a sulfoxide.

In preparing the sulfoxide from the sulfone, it is critical that the pH of the reaction be above 6, and preferably from 8 to 9. If the pH is below 6, the reaction does not proceed to termination, resulting in poor yield and

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selectivity. By maintaining the pH above 6, the reaction proceeds smoothly to termination under moderate conditions, resulting in high yields of sulfoxide in a short time.

There is no report in the literature of this oxidation reaction proceeding to completion in two hours under the mild reaction conditions claimed herein.

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

By: 

Shlomi Cohen

Date: 09-07-08